



NOTES

1. DESIGN WAVELENGTH: 800 nm
2. CLEAR APERTURE: >90% CA
3. DELAY:  $m\lambda + \lambda/2$
4. DELAY TOLERANCE:  $\pm \lambda/300$
5. WAVEFRONT ERROR(RMS):  $\lambda/10$  @633 nm
6. AR COATING(S1,S2): V coating @800 nm  
 $R_{avg} < 0.25\%$  (6° AOI, SINGLE SURFACE)
7. CHAMFER: 45° , <0.2 mm
8. SURFACE QUALITY(S1,S2): 10/5(S/D)
9. PARALLELISM(S1,S2): <3 arcsec
10. THE FAST AXIS IS PARALLEL TO THE CUT EDGE

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	HWP20-800BM			
DRAWN	LZHOU	JUL./19th/24	QUARTZ MULTI-ORDER WAVEPLATE $\phi 25.4$ mm, $\lambda/2$ @800 nm			
APPROVAL	WCHENG	JUL./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			QUARTZ	1.3 g	2:1	B